

Data File : VU036761.D
Acq On : 12 Feb 2020 19:41
Operator : JC/MD
Sample : L1487-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCW6

Quant Time: Feb 13 01:05:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	126807	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	117083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	58220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48501	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	43271	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.59	63	67361	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.68	46	128294	56.10	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.20%
24) Chloroform-d	5.11	84	83448	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.74	65	48644	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.76	84	184256	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.73	67	58389	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.93	98	166798	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.20	79	21600	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.66	63	111069	55.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	44201	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	57891	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Qvalue
13) Acetone	2.67	43	6609	2.260 ug/L	97
14) Carbon disulfide	2.82	76	2353	0.126 ug/L #	92
27) 1,2-Dichloroethane	5.81	62	1928	0.170 ug/L #	76
33) Benzene	5.81	78	222824	6.170 ug/L	100
35) Methylcyclohexane	6.72	83	12773	0.875 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6387	0.648 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1686	0.118 ug/L #	49
42) Toluene	8.00	91	330830	8.530 ug/L	98
45) 1,1,2-Trichloroethane	8.30	97	3634	0.530 ug/L #	16
52) Ethylbenzene	9.59	91	729431	16.838 ug/L	100
53) m,p-Xylene	9.71	106	347433	21.793 ug/L	94
54) o-Xylene	10.12	106	209076	13.355 ug/L	94
55) Styrene	10.13	104	99035	3.753 ug/L	87
56) Isopropylbenzene	10.50	105	91314	2.180 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	15399	2.365 ug/L #	1
66) 1,2-Dibromo-3-chloropropan	13.05	75	88434	61.281 ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Quantitation Report (Not Reviewed)

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QLast Update : Thu Feb 13 00:59:33 2020
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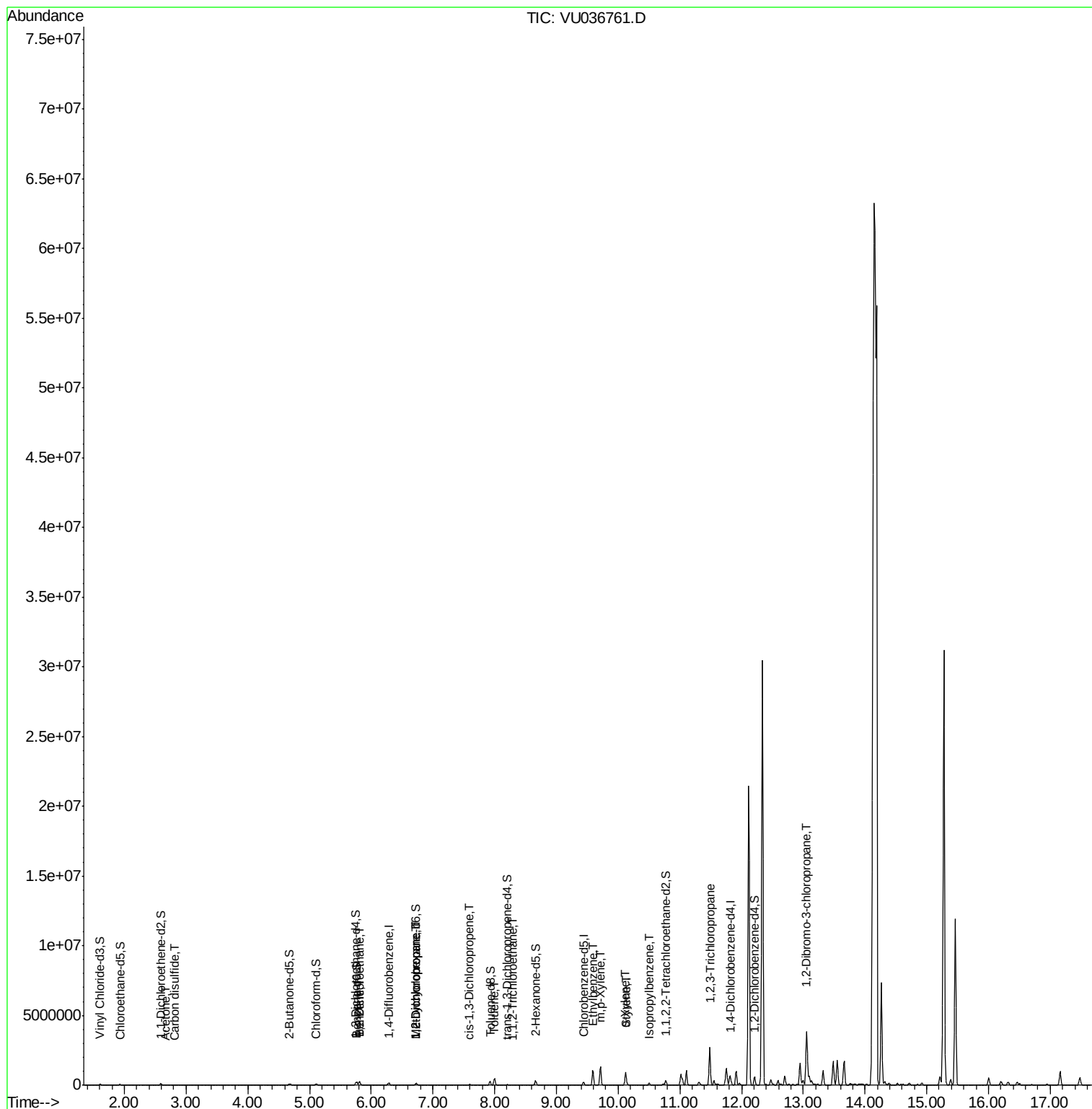
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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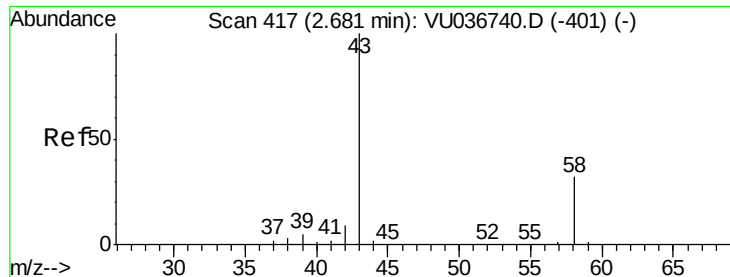
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.260 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU036761.D

Acq: 12 Feb 2020 19:41

Instrument :

MSVOA_U

ClientSampleId :

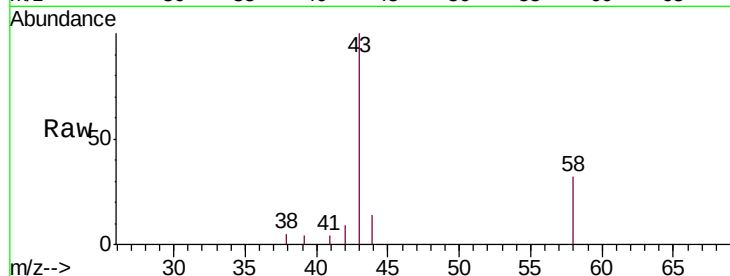
DBCW6

Tgt Ion: 43 Resp: 6609

Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036761.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036761.D (-324) (-)

2.67

3000

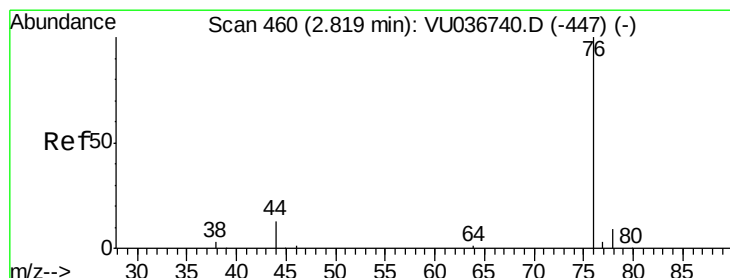
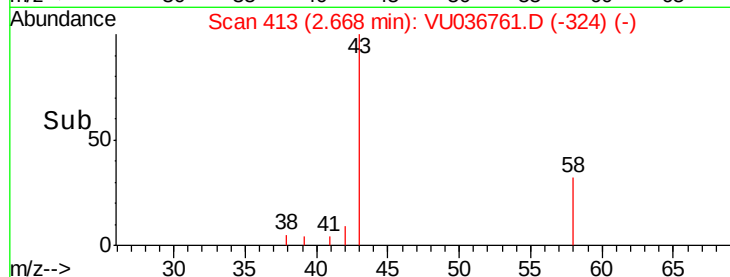
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#14

Carbon disulfide

Concen: 0.126 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036761.D

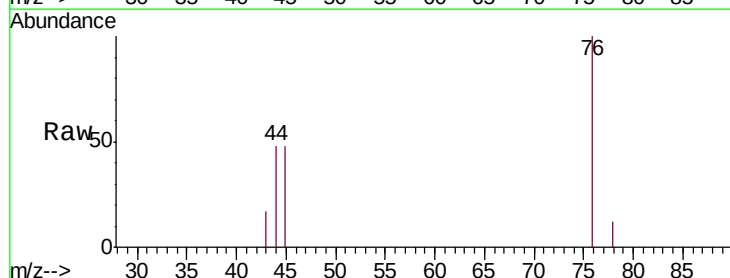
Acq: 12 Feb 2020 19:41

Tgt Ion: 76 Resp: 2353

Ion Ratio Lower Upper

76 100

78 11.9 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU036761.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU036761.D (-367) (-)

2.82

1500

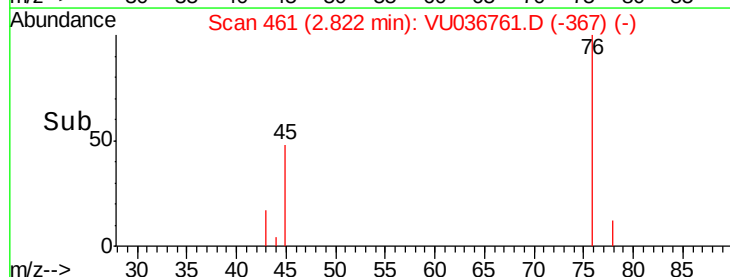
1000

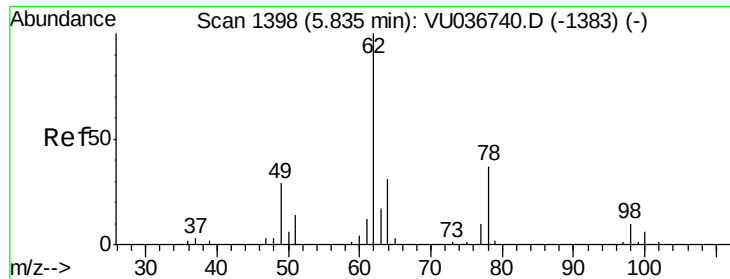
500

0

Time-->

2.80 2.85

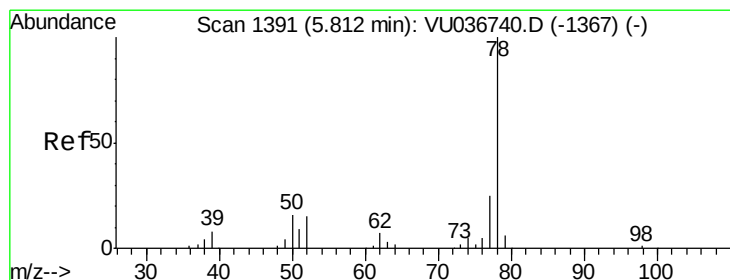
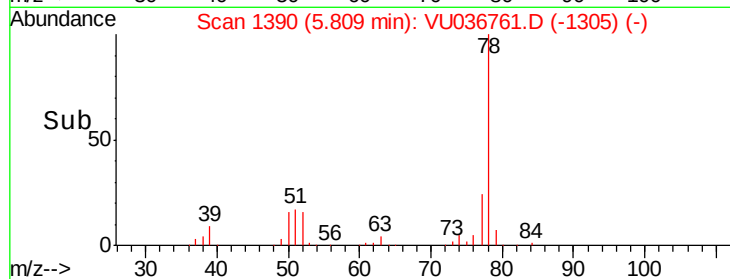
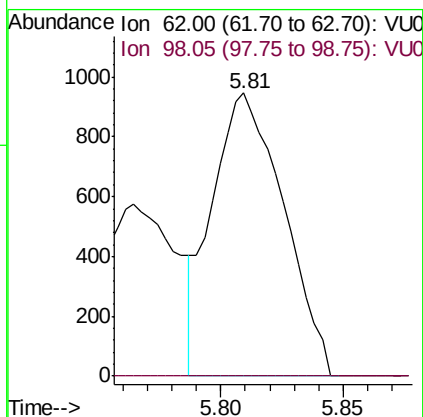
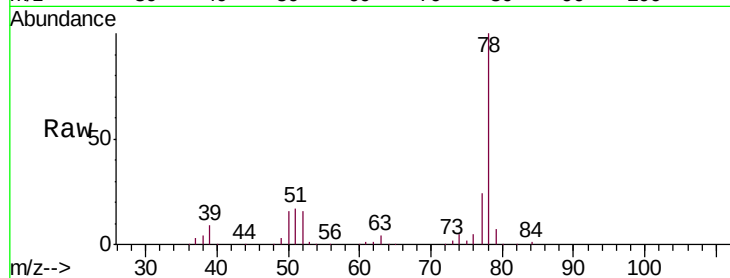




#27
 1,2-Dichloroethane
 Concen: 0.170 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.03 min
 Lab File: VU036761.D
 Acq: 12 Feb 2020 19:41

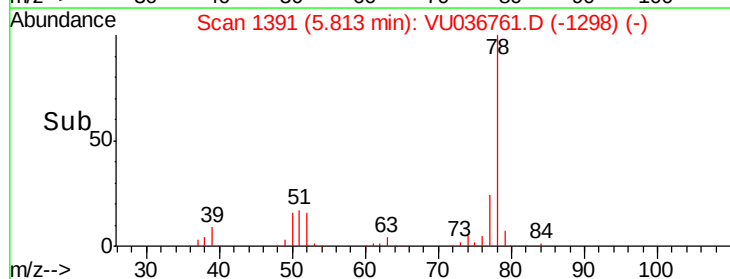
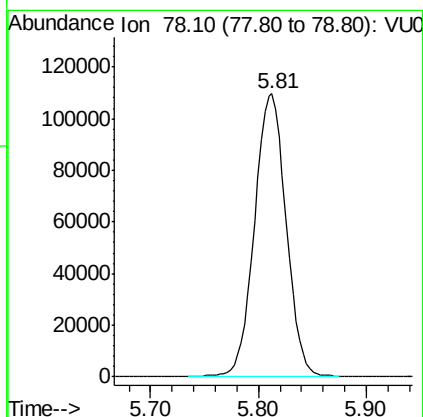
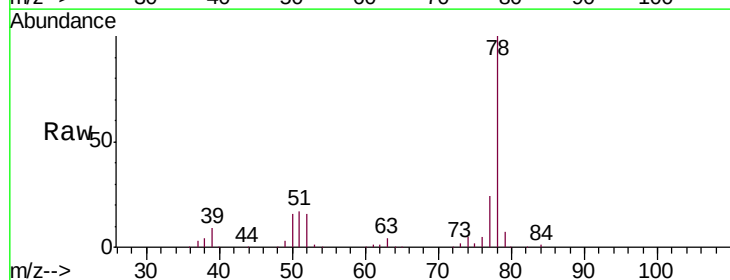
Instrument :
 MSVOA_U
 ClientSampleID :
 DBCW6

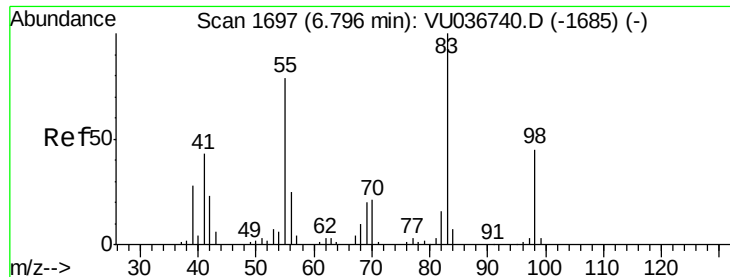
Tgt Ion: 62 Resp: 1928
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#33
 Benzene
 Concen: 6.170 ug/L
 RT: 5.81 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VU036761.D
 Acq: 12 Feb 2020 19:41

Tgt Ion: 78 Resp: 222824

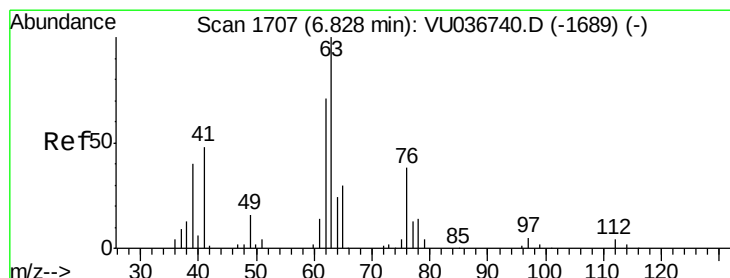
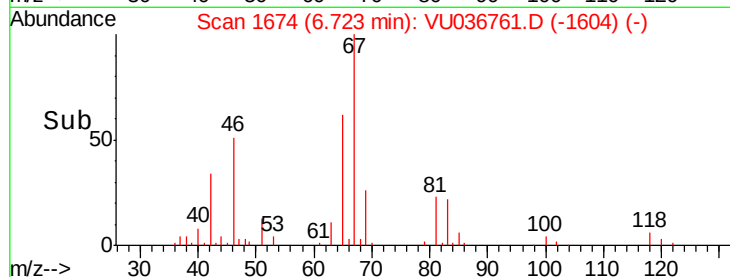
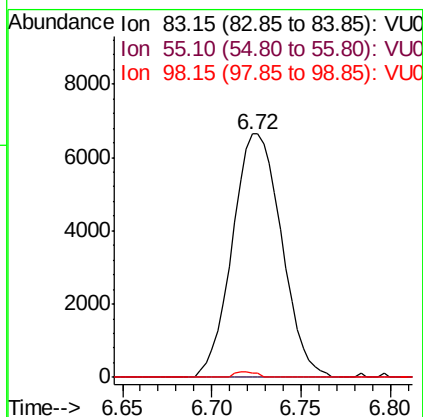
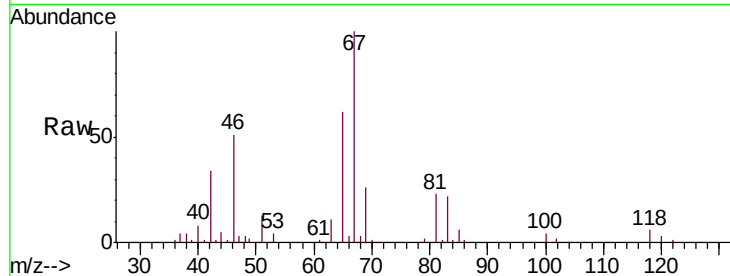




#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

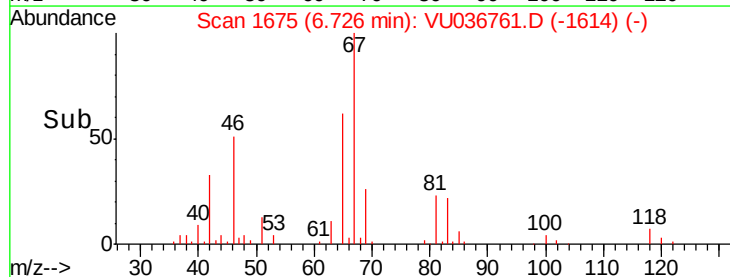
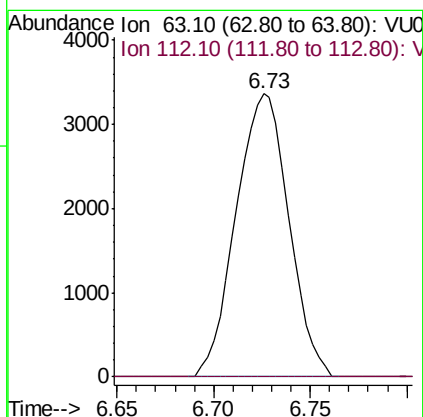
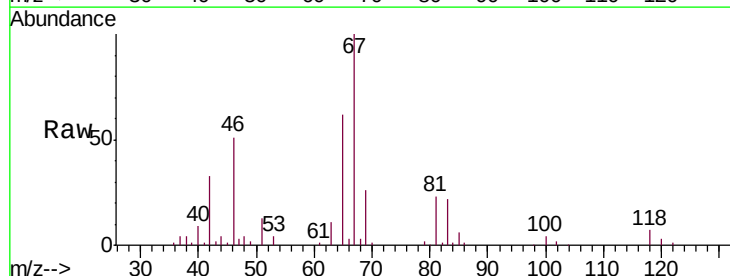
Instrument :
MSVOA_U
ClientSampleId :
DBCW6

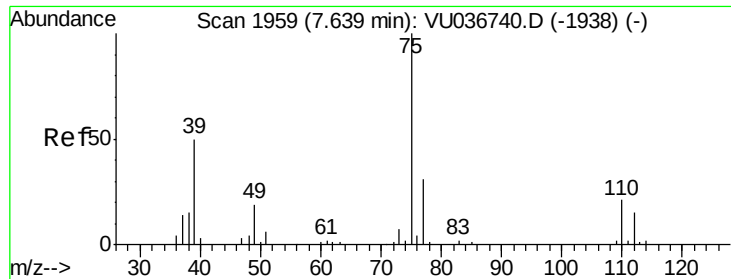
Tgt Ion: 83 Resp: 12773
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.0 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Tgt Ion: 63 Resp: 6387
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

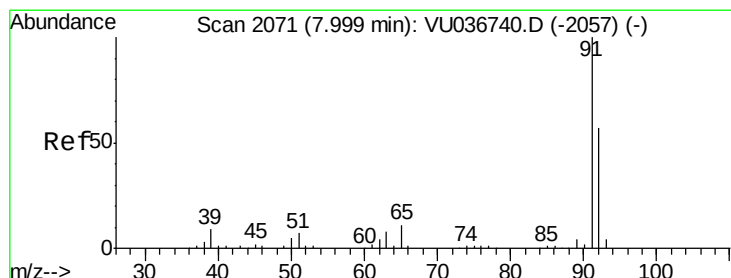
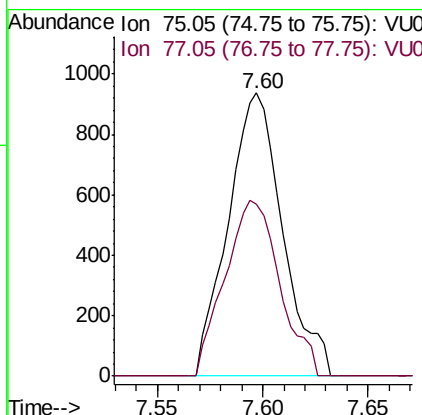
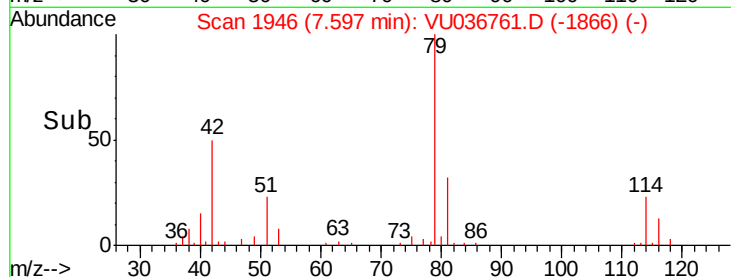
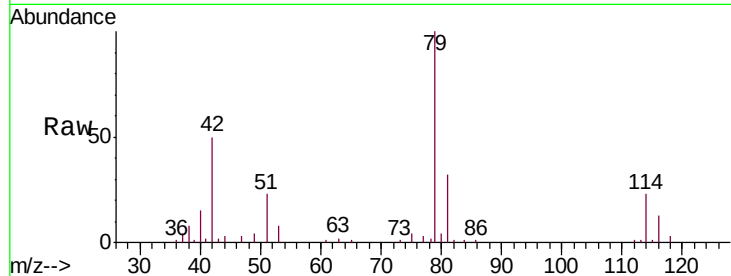




#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036761.D
 Acq: 12 Feb 2020 19:41

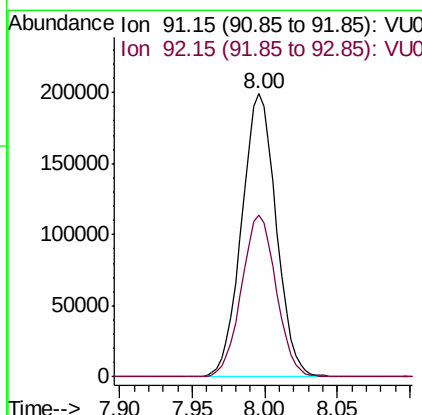
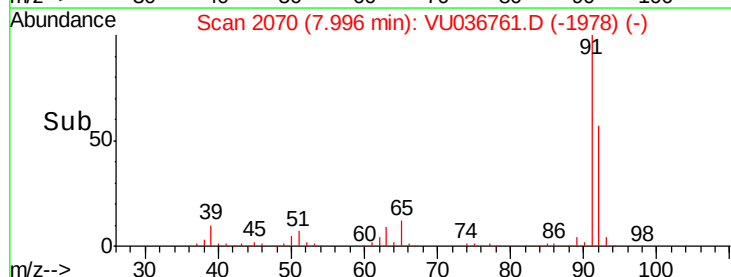
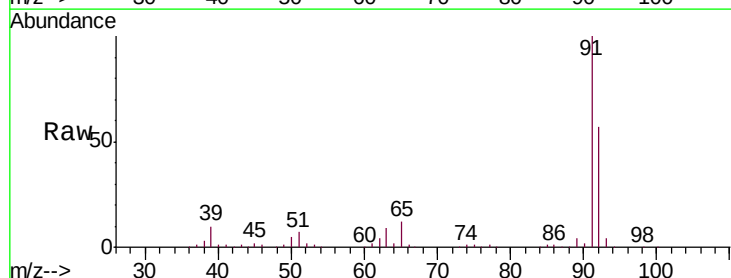
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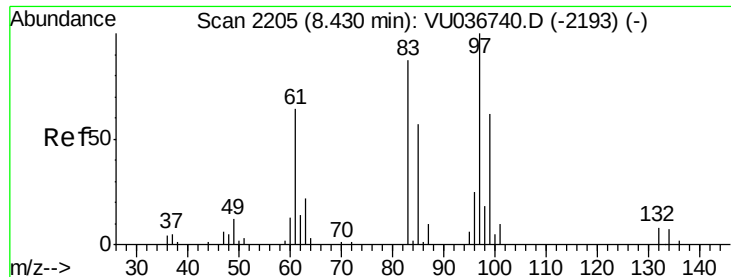
Tgt Ion: 75 Resp: 1686
 Ion Ratio Lower Upper
 75 100
 77 60.9 22.5 41.9#



#42
 Toluene
 Concen: 8.530 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VU036761.D
 Acq: 12 Feb 2020 19:41

Tgt Ion: 91 Resp: 330830
 Ion Ratio Lower Upper
 91 100
 92 57.3 41.2 76.4

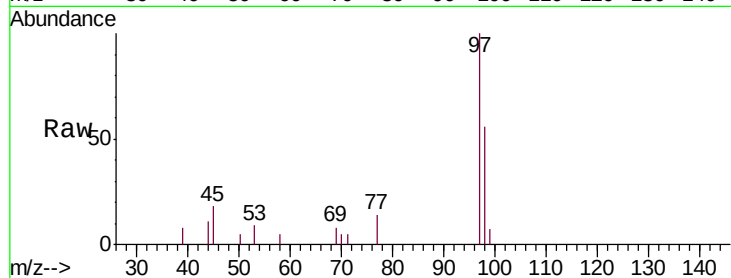




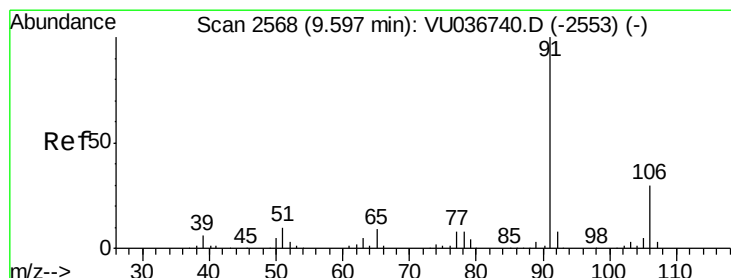
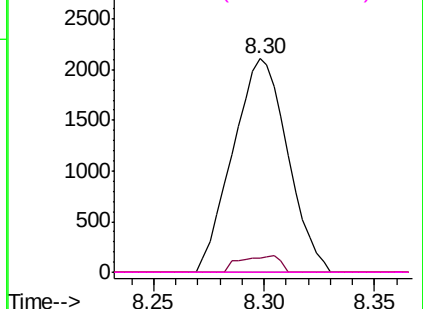
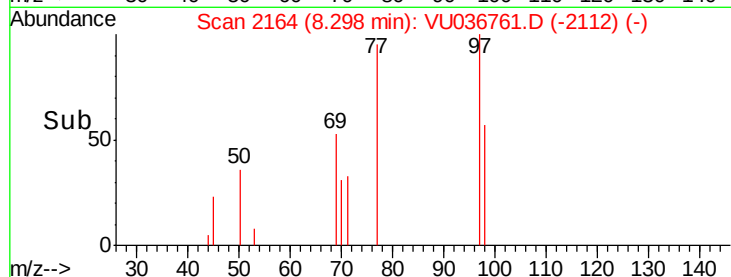
#45
 1,1,2-Trichloroethane
 Concen: 0.530 ug/L
 RT: 8.30 min Scan# 2164
 Delta R.T. -0.13 min
 Lab File: VU036761.D
 Acq: 12 Feb 2020 19:41

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCW6

Tgt Ion: 97 Resp: 3634
 Ion Ratio Lower Upper
 97 100
 99 6.7 44.1 81.9#
 83 0.0 63.5 117.9#
 85 0.0 41.2 76.4#

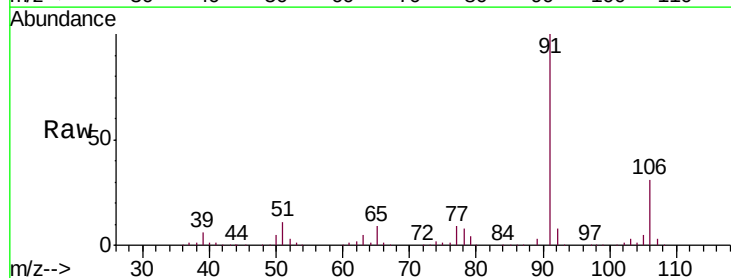


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

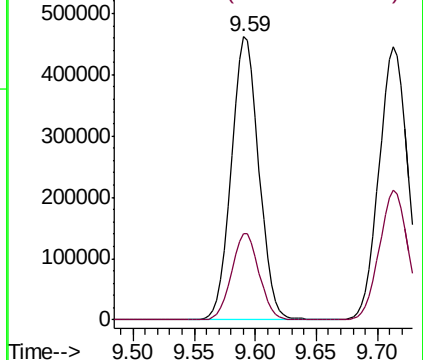
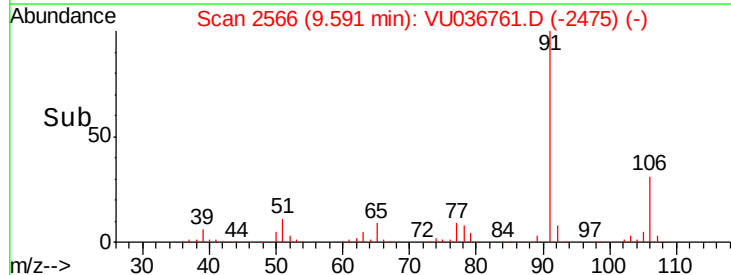


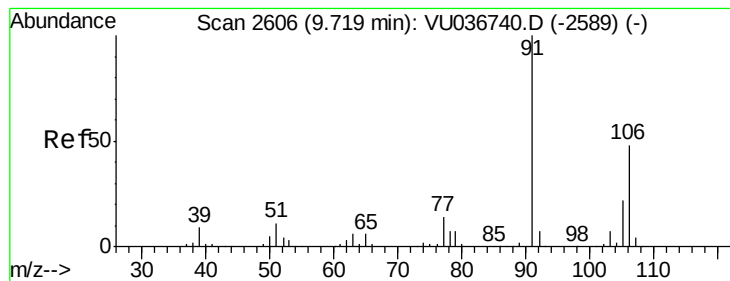
#52
 Ethylbenzene
 Concen: 16.838 ug/L
 RT: 9.59 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: VU036761.D
 Acq: 12 Feb 2020 19:41

Tgt Ion: 91 Resp: 729431
 Ion Ratio Lower Upper
 91 100
 106 30.6 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 21.793 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.01 min

Lab File: VU036761.D

Acq: 12 Feb 2020 19:41

Instrument :

MSVOA_U

ClientSampleId :

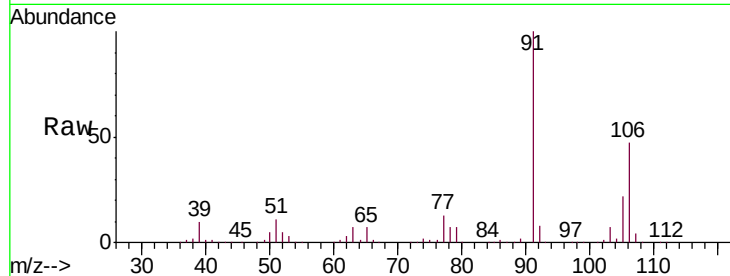
DBCW6

Tgt Ion:106 Resp: 347433

Ion Ratio Lower Upper

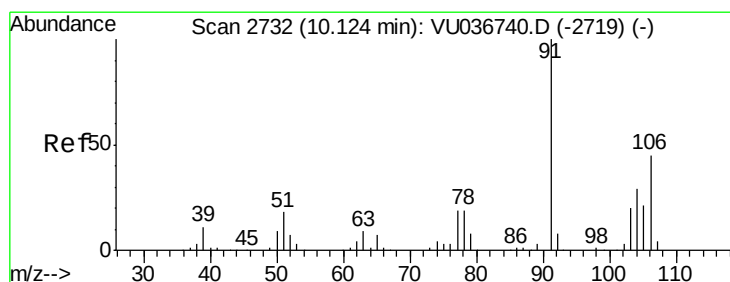
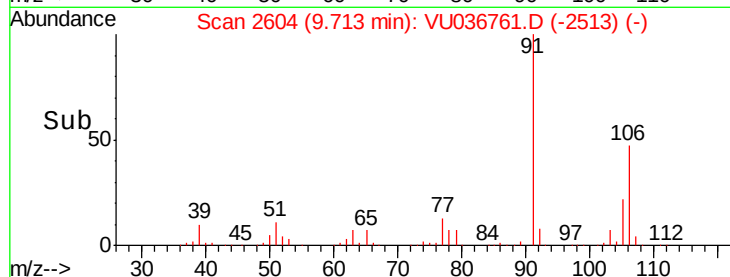
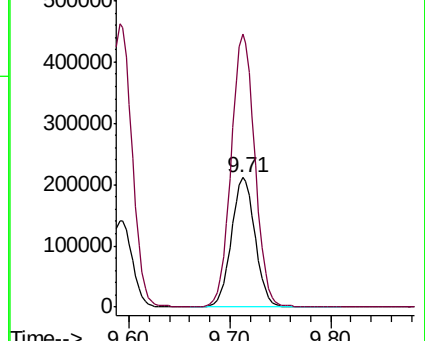
106 100

91 211.1 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 13.355 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU036761.D

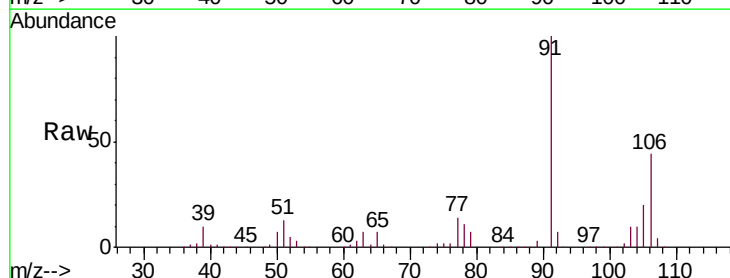
Acq: 12 Feb 2020 19:41

Tgt Ion:106 Resp: 209076

Ion Ratio Lower Upper

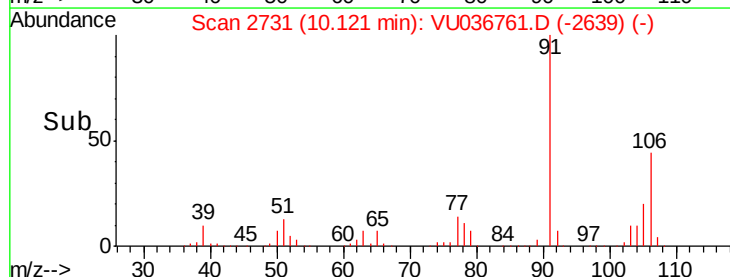
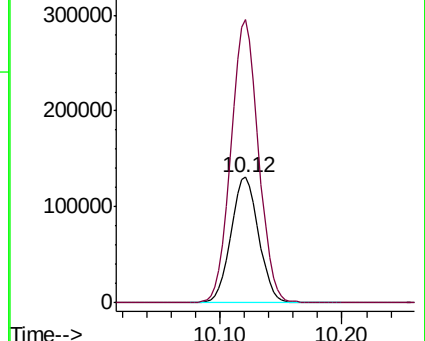
106 100

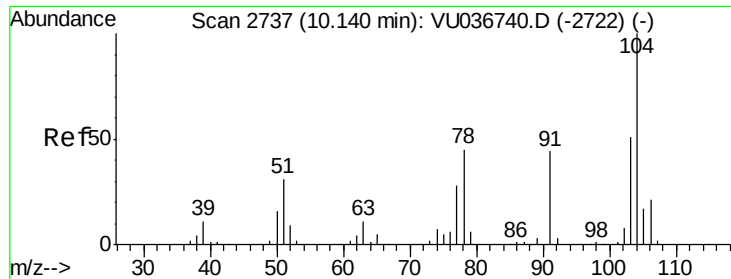
91 225.4 151.1 280.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

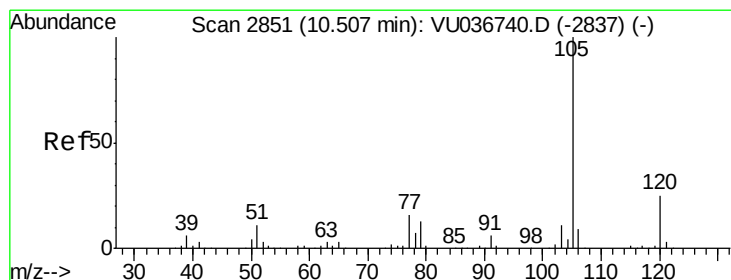
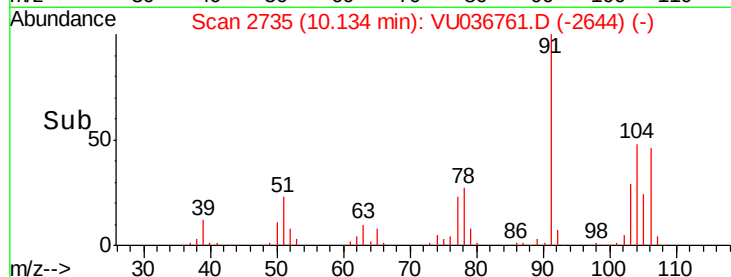
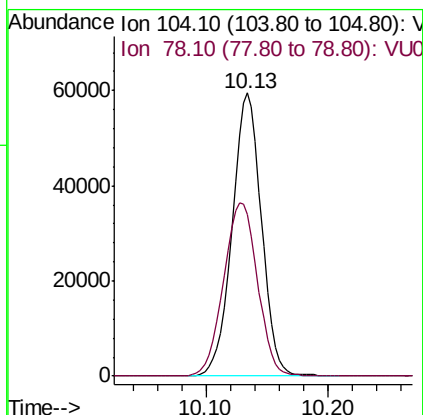
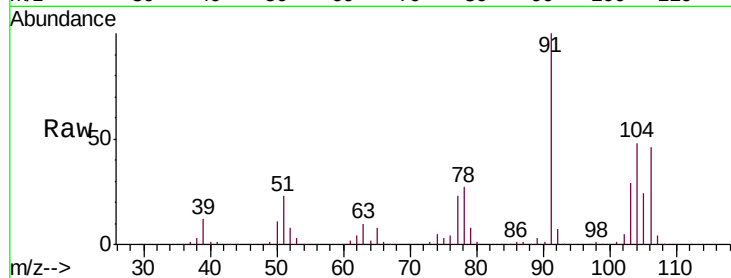




#55
Styrene
Concen: 3.753 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.01 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

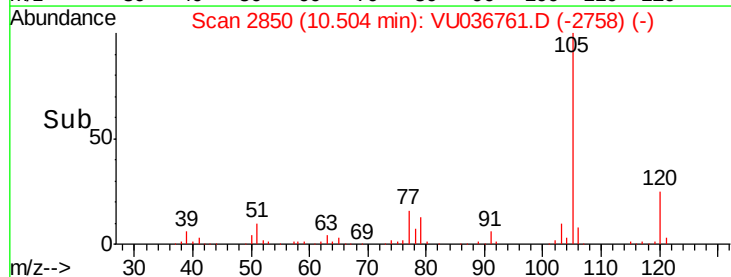
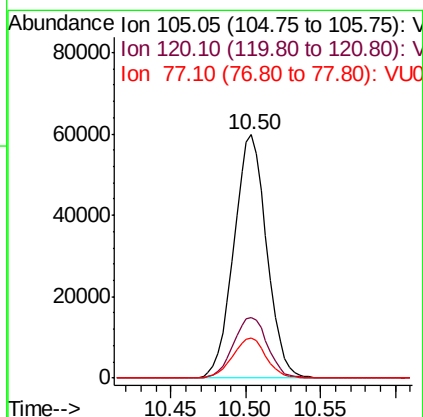
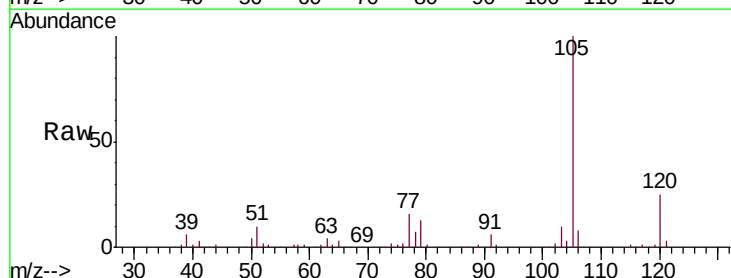
Instrument :
MSVOA_U
ClientSampleId :
DBCW6

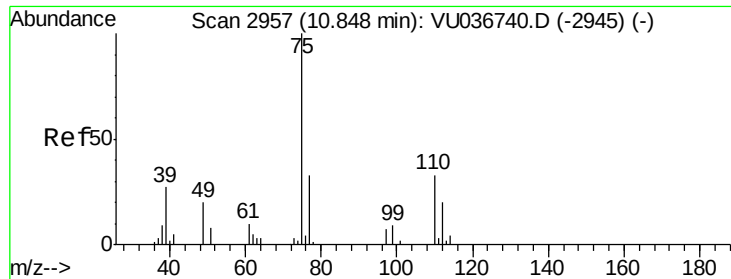
Tgt Ion:104 Resp: 99035
Ion Ratio Lower Upper
104 100
78 57.0 33.5 62.3



#56
Isopropylbenzene
Concen: 2.180 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Tgt Ion:105 Resp: 91314
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 17.0 13.0 19.6





#59

1,2,3-Trichloropropane

Concen: 2.365 ug/L

RT: 11.48 min Scan# 3155

Delta R.T. 0.64 min

Lab File: VU036761.D

Acq: 12 Feb 2020 19:41

Instrument :

MSVOA_U

ClientSampled :

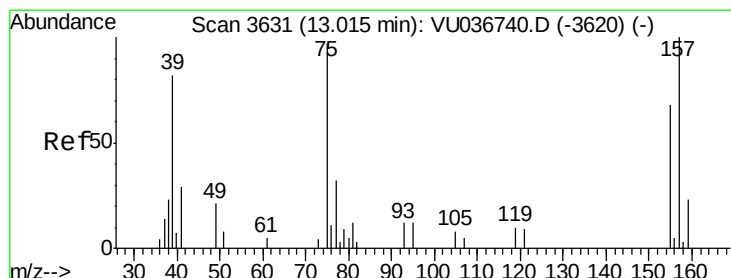
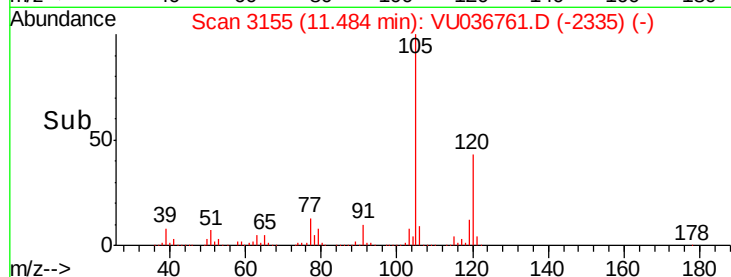
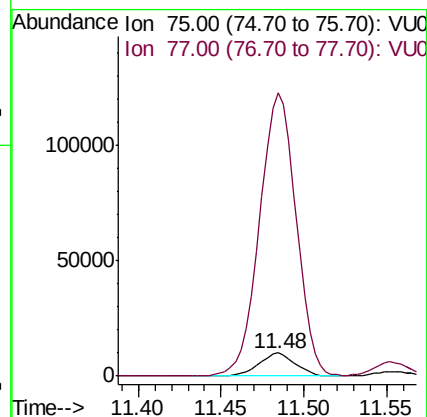
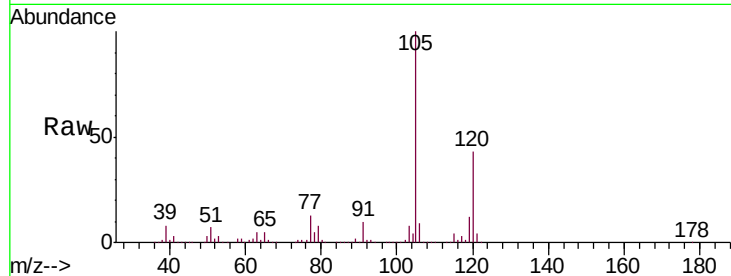
DBCW6

Tgt Ion: 75 Resp: 15399

Ion Ratio Lower Upper

75 100

77 1225.7 25.6 38.4#



#66

1,2-Dibromo-3-chloropropane

Concen: 61.281 ug/L

RT: 13.05 min Scan# 3643

Delta R.T. 0.04 min

Lab File: VU036761.D

Acq: 12 Feb 2020 19:41

Tgt Ion: 75 Resp: 88434

Ion Ratio Lower Upper

75 100

155 0.0 52.9 79.3#

157 0.0 69.2 103.8#

